

Figure 1A

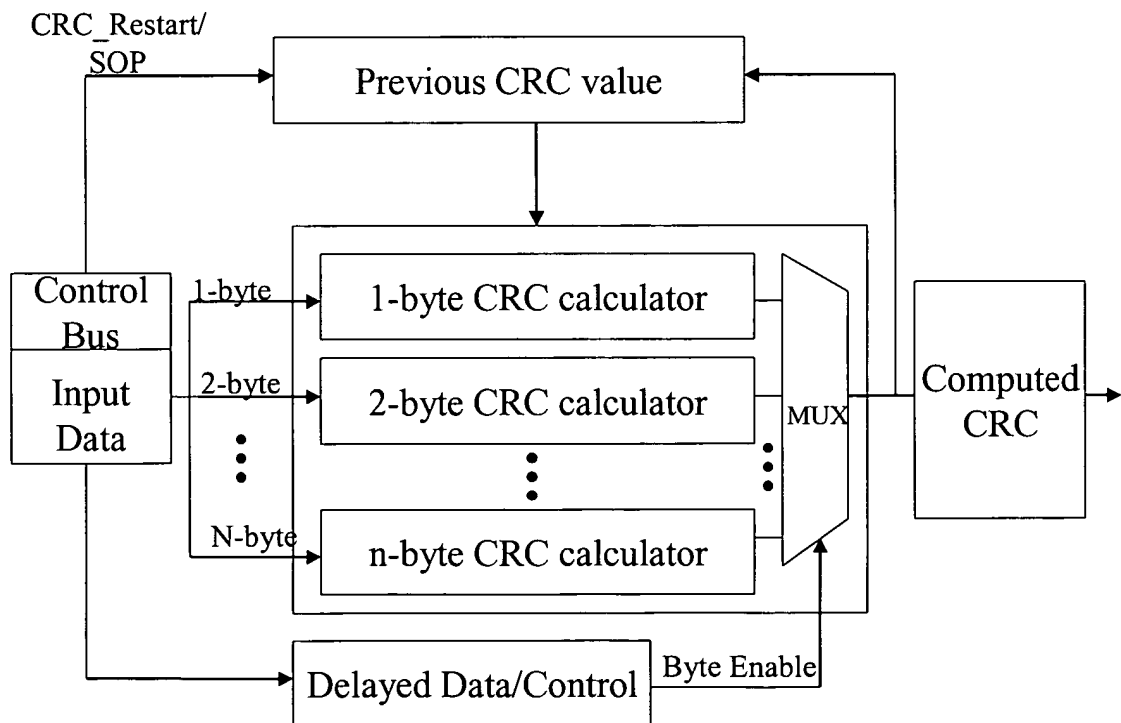


Figure 1B

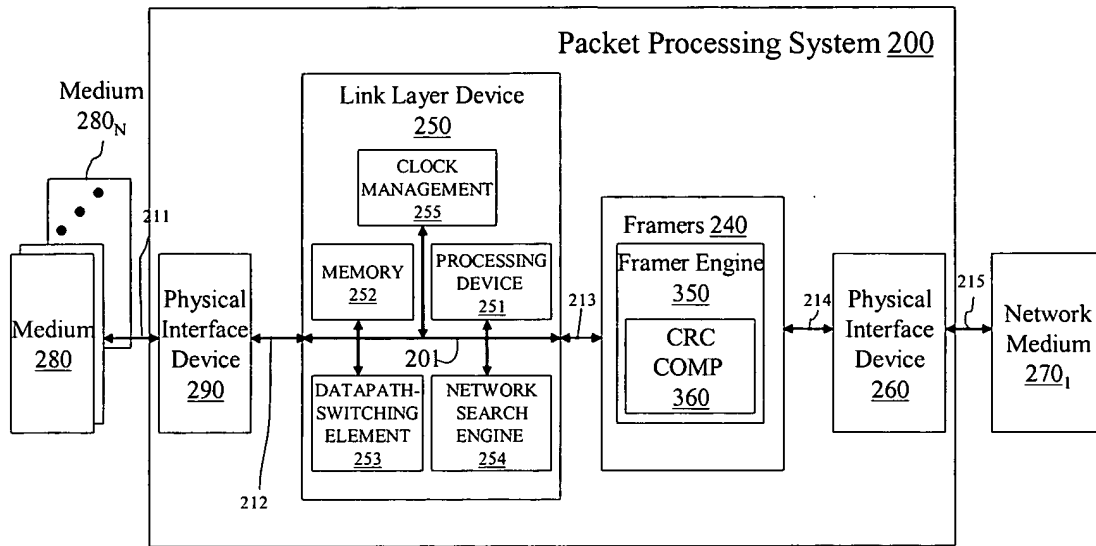


Figure 2

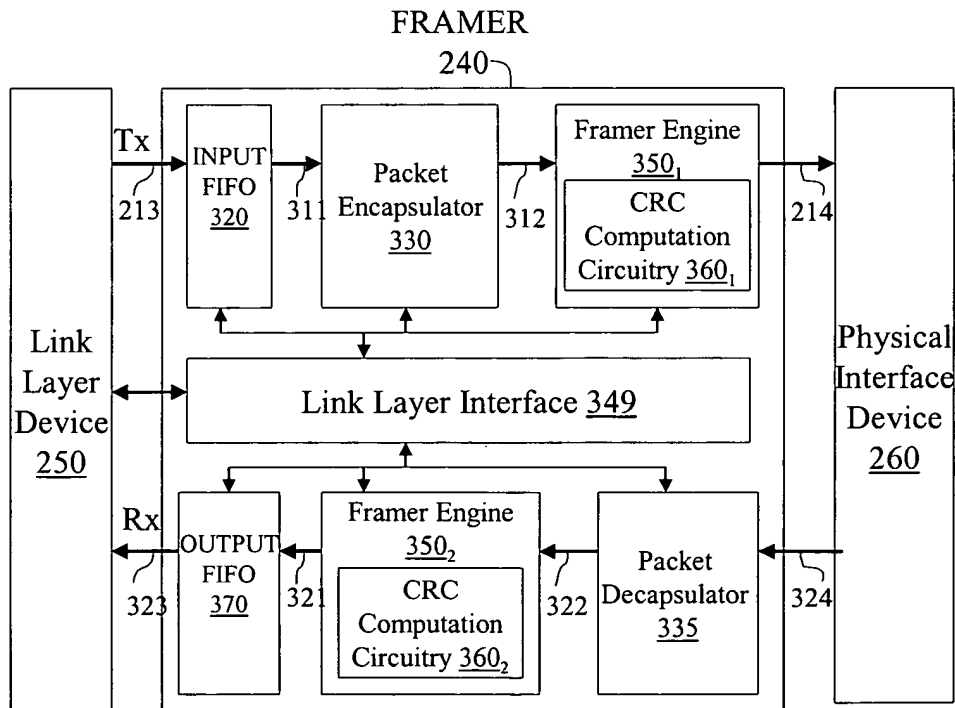


Figure 3

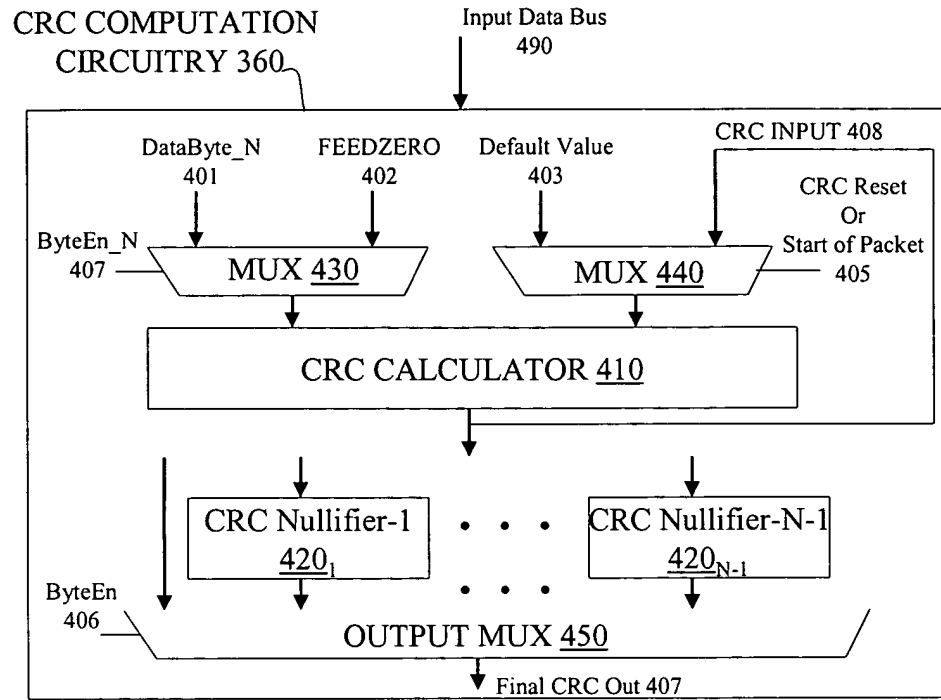


Figure 4

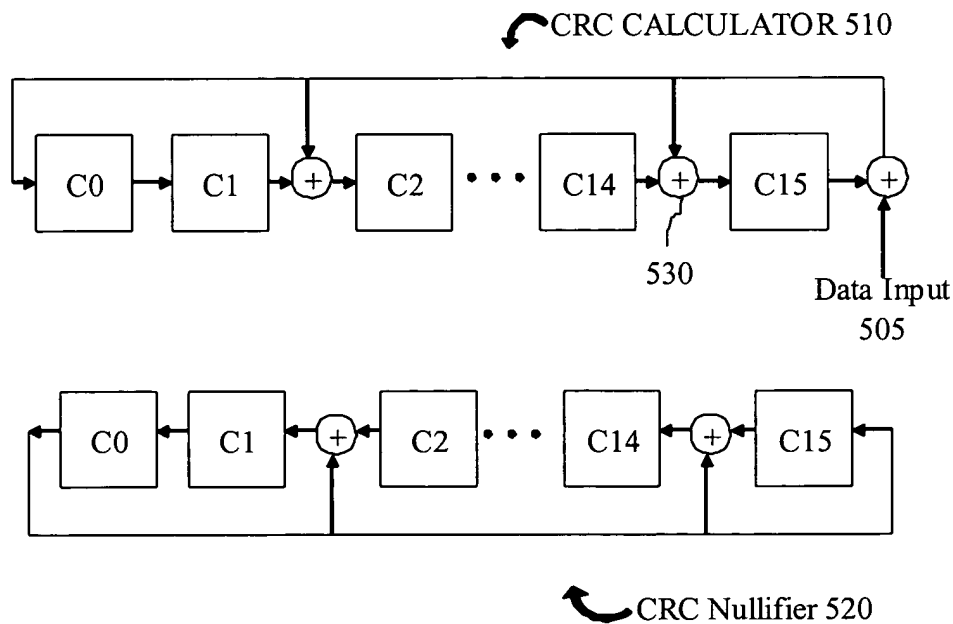


Figure 5

Bus Width	CRC Calculator # of XOR Gates	CRC Nullifier # of XOR Gates
128	2496	512
64	1376	576
56	1280	544
48	1056	448
40	928	512
32	800	384

Figure 6A

Bus Width	Architecture of Fig. 1B # of XOR Gates	Architecture of Fig. 4 # of XOR Gates
128	22,819	9,784
64	6,830	3,996
32	2,128	1,586

Figure 6B

